



attached to #5

Sheet 1 of 3

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	00786/351005
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/844,353
				Applicant	Gary Ruvkun et al.
				Filing Date	April 27, 2001
				Group	1633 1636
				IDS Filed	March 5, 2002
(37 C.F.R. §1.98(b))				21559	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
Sc	GenBank 516083				
Sc	Fernandez-Almonacid et al., "Structure and Ligand Specificity of the <i>Drosophila melanogaster</i> Insulin Receptor," <i>Molecular and Cellular Biology</i> 7:2718-2727 (1987).				
Sc	Garofalo et al., "Tissue Localization of <i>Drosophila melanogaster</i> Insulin Receptor Transcripts During Development," <i>Molecular and Cellular Biology</i> 8:1638-1647 (1988).				
Sc	Garcia-Jimenez et al., "Insulin Regulation of Malic Enzyme Gene Expression in Rat Liver: Evidence for Nuclear Proteins that Bind to Two Putative Insulin Response Elements," <i>Molecular Endocrinology</i> 8:1361-1369 (1994).				
Sc	Graf et al., "Insulin-Mediated Secretion of Ecdysteroids From Mosquito Ovaries and Molecular Cloning of the Insulin Receptor Homologue from Ovaries of Bloodfed <i>Aedes aegypti</i> ," <i>Insect Molecular Biology</i> 6:151-163 (1997).				
Sc	Jonas et al., "Insulin Receptor in <i>Aplysia</i> Neurons: Characterization, Molecular, Cloning, and Modulation of Ion Currents," <i>The Journal of Neuroscience</i> 16:1645-1658 (1996).				
Sc	Lee et al., "Structure and Localization of the <i>IGFBP-1</i> Gene and Its Expression During Liver Regeneration," <i>Hepatology</i> 19:656-665 (1994).				
Sc	Petrizzelli et al., "Isolation of a <i>Drosophila</i> Genomic Sequence Homologous to the Kinase Domain of the Human Insulin Receptor and Detection of the Phosphorylated <i>Drosophila</i> Receptor with an Anti-Peptide Antibody," <i>Biochemistry</i> 83:4710-4714 (1986).				
Sc	Roovers et al., "Characterization of a Putative Molluscan Insulin-Related Peptide Receptor," <i>Gene</i> 162:181-188 (1995).				
Sc	Suwanickul et al., "Identification of an Insulin-Responsive Element in the Promoter of the Human Gene for Insulin-Like Growth Factor Binding Protein-1," <i>The Journal of Biological Chemistry</i> 268:17063-17068 (1993).				
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EXAMINER		DATE CONSIDERED			
		4/14/03			
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Sheet 2 of 3

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE		Attorney Docket No.	00786/351005
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		Applicant	Gary Ruvkun et al.
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		Group	4633 1636
		IDS Filed	March 5, 2002
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
SL	Allander, et al., Hepatic nuclear factor 3 and high mobility group I/Y proteins bind the insulin response element of the insulin-like growth factor-binding protein-1 promoter. <i>Endocrinology</i> , 138:4291-300 (1997).		
SL	Ahren et al., Neuropeptidergic versus cholinergic and adrenergic regulation of islet hormone secretion. <i>Diabetologia</i> , 29:827-836 (1986).		
SL	Austad, <i>Neurobiology of Ageing</i> , 16(5):851-852 (1995).		
SL	Borkhardt et al., Cloning and characterization of AFX, the gene that fuses to MLL in acute leukemias with a t(X;11)(q13;q23). <i>Oncogene</i> , 14:195-202 (1997).		
SL	Boschero, et al., Oxotremorine-m potentiation of glucose-induced insulin release from rat islets involves M ₃ muscarinic receptors. <i>Am. J. Physiol.</i> , 268:E336-E342, (1995).		
SL	Hillion, et al., AF6q21 a novel partner of the MLL gene in t(6;11)(q21;q23), defines a forkhead transcriptional factor subfamily, <i>Blood</i> , 90:3714-9 (1997).		
SL	Hobert, et al., Regulation of interneuron function in the <i>C. elegans</i> thermoregulatory pathway by the <i>ltx-3</i> LIM homeobox gene. <i>Neuron</i> , 19:345-357 (1997).		
SL	Kuo et al., <i>PNAS</i> , 92:6911-6914 (1995).		
SL	Lai et al., HNF-3A, a hepatocyte-enriched transcription factor of novel structure is regulated transcriptionally. <i>Genes Dev.</i> , 4:1427-1436 (1990).		
SL	Latifpour et al., Effect of insulin and dietary myoinositol on muscarinic receptor alterations in diabetic rat bladder. <i>J. Urol.</i> , 147:760-763 (1992).		
SL	Lewis et al., The genetics of levamisole resistance in the nematode <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 95:905-928 (1980).		
SL	Lewis et al., Levamisole-resistant mutants of the nematode <i>Caenorhabditis elegans</i> appear to lack pharmacological acetylcholine receptors. <i>Neuroscience</i> , 5:967-989 (1980).		
SL	Li et al., PTEN, a putative protein tyrosine phosphatase gene mutated in human brain, breast, and prostate cancer. <i>Science</i> , 275:1943-1947 (1997).		
SL	Li et al., TEP1, encoded by a candidate tumor suppressor locus, is a novel protein tyrosine phosphatase regulated by transforming growth factor beta. <i>Cancer Res.</i> , 57:2124-2129 (1997).		
SL	Krawczak et al., "The Human Gene Mutation Database," <i>Trend Genet.</i> 13:121-122 (1997).		
SL	Maehama et al., The tumor suppressor, PTEN/MMAC1, dephosphorylates the lipid second messenger, phosphatidylinositol 3,4,5-trisphosphate. <i>J. Biol. Chem.</i> , 273:13375-13378 (1998).		
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				Applicant	Gary Ruvkun et al.
				Filing Date	April 27, 2001
				Group	1633-1676
				IDS Filed	March 5, 2002
				Customer No.	21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
SE	Miller, R. E., Pancreatic neuroendocrinology: peripheral neural mechanisms in the regulation of the islets of Langerhans. <i>Endocr. Rev.</i> , 2:471-494 (1981).				
SE	O'Brien et al., Hepatic nuclear factor-3 and hormone-regulated expression of the phosphoenolpyruvate carboxykinase and insulin-like growth factor-binding protein 1 genes. <i>Mol. Cell Biol.</i> , 15:1747-1758 (1995).				
SE	Paradis et al., <i>Caenorhabditis elegans</i> Akt/PKB transduces insulin receptor-like signals from AGE-1 PI3 kinase to the DAF-16 transcription factor. <i>Genes Dev.</i> , 12:2488-2498 (1998).				
SE	Parrizas et al., Specific inhibition of insulin-like growth factor-1 and insulin receptor tyrosine kinase activity and biological function by tyrphostins. <i>Endocrinology</i> , 138:1427-1433 (1997).				
SE	Parry et al., Cloning and characterization of the t(X;11) breakpoint from a leukemic cell line identify a new member of the forkhead gene family. <i>Genes, Chromosomes, and Cancer</i> , 11:79-84 (1994).				
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SE	Stambolic et al., Negative regulation of PKB/Akt-dependent cell survival by the tumor suppressor PTEN. <i>Cell</i> , 95:29-39 (1998).				
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SE	Strojek RM and Wagner TE <i>Genetic Engineering: Principles and Methods</i> , 10:221-246 (1988).				
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SE	Wall, "Transgenic Livestock: Progress & Prospects for the Future," <i>Theriogenology</i> 45:57-68 (1996).				
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SE	Yamamura et al., Muscarinic cholinergic binding in rat brain. <i>Proc. Natl. Acad. Sci.</i> , 718:1725-1729 (1974).				
SE	Zeman et al., <i>Atherosclerosis</i> , 134(1-2):318 (1997).				
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